

## **AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Currently amended) A band pass filter for passing a frequency band having a central wavelength which is corresponding to a center frequency, comprising:  
a substrate;  
input/output portions formed on the substrate;  
a plurality of resonators provided between the input/output portions; and  
transmission line paths; each having coupling portions at both ends, the coupling portion being faced to one of the resonators with a gap, each of the transmission line paths having a length which is  $(1+2m)/4$  (m: natural number) of the central wavelength, and each of the coupling portion having a length of a  $\frac{1}{4}$  of the central wavelength.
2. (Currently amended) The band pass filter according to claim 1, wherein the resonator has a length which is  $n/2$  (n: natural number) of the central wavelength.
3. (Original) The band pass filter according to claim 1, wherein at least one of the resonators is formed by a superconductor.
4. (Original) The band pass filter according to claim 1, wherein the resonator includes linear portions which are continuously connected, each of the linear portions having a unit of a  $\frac{1}{4}$  of the central wavelength, and the linear portions arranged at the both ends of the resonator corresponds to the coupling portions.

5. (Currently amended) The band pass filter according to claim 1, wherein the transmission line ~~path includes~~ paths include linear portions which are continuously connected.

6. (Original) The band pass filter according to claim 1, wherein one of the resonators is coupled with the three transmission line paths.

7. (Original) The band pass filter according to claim 1, wherein the substrate consists of MgO.

8. (Currently amended) The band pass filter according to claim 1, wherein the ~~resonator is~~ resonators are linear.

9. (Currently amended) The band pass filter according to claim 1, wherein the transmission line ~~path is~~ paths are linear.

10. (Currently amended) The band pass filter according to claim 1, wherein the ~~resonator~~ resonators and the transmission line ~~path~~ paths are arranged alternately.

11. (Original) The band pass filter according to claim 3, wherein the superconductor is Y-based copper oxide high-temperature superconducting thin film.

12. (Currently amended) The band pass filter according to claim 3, wherein the ~~resonator consists~~ resonators consist of a microstrip line path.

13. (Currently amended) The bank pass filter according to claim 3, wherein the transmission line ~~path consists~~ paths consist of a microstrip line.

14. (Original) The band pass filter according to claim 4, wherein the two adjacent linear portions make a right angle.

15. (Original) The band pass filter according to claim 5, wherein the two adjacent linear portions make a right angle.

16. (Currently amended) The band pass filter according to claim 1, wherein the ~~resonator~~ resonators and the transmission line ~~path~~ paths include both types of a linear and a bend.

17. (Original) The band pass filter according to claim 1, wherein different lengths of the transmission line paths are included.